

**EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
CALIFORNIA BUILDING STANDARDS COMMISSION (CBSC)**

**REGARDING PROPOSED ADOPTION OF THE
2006 UNIFORM PLUMBING CODE (UPC) FOR THE
CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 24, PART 5**

LEGEND FOR EXPRESS TERMS

1. Existing California amendments or code language being modified: All such language appears in *italics*, modified language is underlined.
2. New California amendments: All such language appears underlined and in italics.
3. Repealed text: All such language appears in ~~strikeout~~.

**CHAPTER 1
ADMINISTRATION
MATRIX ADOPTION TABLE**

Adopting Agency	BSC	REMARKS
Repeal 2000 UPC and Adopt 2006 UPC Chapter 1 without amendments		
Repeal 2000 UPC and Adopt 2006 UPC Chapter 1 as amended 1' 2' 3 (amended articles listed below)		
Repeal the 2000 UPC Chapter 1 and Adopt Only those California Chapter 1 sections ^{1, 2, 3} listed below	X	Repeal all existing Chapter 1 amendments for clarity. Rename and move UPC Chapter 1, Administration, To Appendix Chapter 1, Administration
101 CA	X	
102 CA	X	

**APPENDIX CHAPTER 1
ADMINISTRATION . . .**

AMENDMENTS:

**CALIFORNIA CHAPTER 1
GENERAL CODE PROVISIONS**

(Note: Adopt only those sections listed in the matrix adoption table.)

1 New Amendments are shown underlined with "CA"

2 Existing amendments of the 2001 California Plumbing Code being repealed are shown stricken with "CA"

3 Existing amendments being continued from the 2001 CPC into the next triennial CPC are shown italicized with "CA"

SECTION 101

GENERAL

101.1 Title. *These regulations shall be known as the California Plumbing Code, may be cited as such and will be referred to herein as "this code." The California Plumbing Code is Part 5 of twelve parts of the official compilation and publication of the adoptions, amendment, and repeal of Plumbing regulations to the California Code of Regulations, Title 24, also referred to as the California Building Standards Code. This part incorporates by adoption the 2006 Uniform Plumbing Code of the International Association of Plumbing and Mechanical Officials with necessary California amendments.*

101.2 Purpose. *The purpose of this code is to establish the minimum requirements to safeguard the public health, safety and general welfare through structural strength, means of egress facilities, stability, access to persons with disabilities, sanitation, adequate lighting and ventilation, and energy conservation; to preserve life and property from fire and other hazards attributed to the built environment; and to provide safety to fire fighters and emergency responders during emergency operations.*

101.3 Scope. *The provisions of this code shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such building structures throughout the State of California.*

101.3.1 Non-State-Regulated Buildings, Structures, and Applications. *The provisions in Chapters 2 through 16 of the 2006 Uniform Plumbing Code of the International Association of Plumbing and Mechanical Officials contained or referenced in this code shall apply to all occupancies and applications not regulated by a state agency.*

101.3.2 State-Regulated Buildings, Structures, and Applications. *The model code provisions, amendments to the model code provisions and/or provisions where there are no relevant model code provisions, shall apply to the following buildings, structures, and applications regulated by state agencies as referenced in the Matrix Adoption Tables and as specified in sections 102 through 113. When adopted by a state agency, the provisions of this code shall be enforced by the appropriate enforcing agency, but only to the extent of authority granted to such agency by the State Legislature.*

Note: *See Legend to distinguish the model code provisions from the California provisions.*

- 1. State-owned buildings, including buildings constructed by the Trustees of the California State University, and to the extent permitted by California laws, buildings designed and constructed by the Regents of the University of California, and regulated by the Building Standards Commission. See section 102 for additional scope provisions.*
- 2. Local detention facilities regulated by the Board of Corrections. See section 103 for additional scope provisions.*
- 3. Barbering, cosmetology or electrolysis, establishments, acupuncture offices, pharmacies, veterinary facilities, and structural pest control locations regulated by the Department of Consumer Affairs. See section 104 for additional scope provisions.*
- 4. Energy efficiency standards regulated by the California Energy Commission. See section 105 for additional scope provisions.*
- 5. Dairies and places of meat inspection regulated by the Department of Food and Agriculture. See section 106 for additional scope provisions.*
- 6. Organized camps, laboratory animal quarters, public swimming pools, radiation protection, commissaries serving mobile food preparation vehicles, and wild animal quarantine facilities regulated by the Department of Health Services. See section 107 for additional scope provisions.*
- 7. Hotels, motels, lodging houses, apartment houses, dwellings, dormitories, condominiums, shelters for homeless persons, congregate residences, employee housing, factory-built housing, and other types of dwellings containing sleeping accommodations with common toilets or cooking facilities. See section 108 for additional scope provisions.*
- 8. Accommodations for persons with disabilities in buildings containing newly constructed covered multifamily dwellings, new common use spaces serving existing covered multifamily dwellings, additions to existing buildings where the addition alone meets the definition of a covered multifamily dwelling, and common-use spaces serving covered multifamily dwellings which are regulated by Department of Housing and Community Development. See section 108 for additional scope provisions.*

9. Permanent buildings and permanent accessory buildings or structures constructed within mobilehome parks and special occupancy parks regulated by the Department of Housing and Community Development. See section 108 for additional scope provisions.
10. Accommodations for persons with disabilities regulated by the Division of the State Architect. See section 109.1 for additional scope provisions.
11. Public elementary and secondary schools, community college buildings, and state-owned or state-leased essential service buildings regulated by the Division of the State Architect. See section 109.2 for additional scope provisions.
12. Qualified historical buildings and structures and their associated sites regulated by the State Historical Building Safety Board with the Division of the State Architect. See section 109.3 for additional scope provisions.
13. General acute care hospitals, acute psychiatric hospitals, skilled nursing and/or intermediate care facilities, clinics licensed by the Department of Health Services, and correctional treatment centers regulated by the Office of Statewide Health Planning and Development. See section 110 for additional scope provisions.
14. Applications regulated by the Office of State Fire Marshal include but are not limited to the following in accordance with Section 111:
 1. Buildings or structures used or intended for use as an:
 - 1.1. Asylum, jail
 - 1.2. Mental hospital, hospital, home for the elderly, children's nursery, children's home or institution, school or any similar occupancy of any capacity
 - 1.3. Theater, dancehall, skating rink, auditorium, assembly hall, meeting hall, nightclub, fair building, or similar place of assemblage where 50 or more persons may gather together in a building, room or structure for the purpose of amusement, entertainment, instruction, deliberation, worship, drinking or dining, awaiting transportation, or education
 - 1.4. Small family day care homes, large family day-care homes, residential facilities and residential facilities for the elderly, residential care facilities
 - 1.5. State institutions or other state-owned or state-occupied buildings
 - 1.6. High rise structures
 - 1.7. Motion picture production studios
 - 1.8. Organized camps
 - 1.9. Residential structures
 2. Tents, awnings or other fabric enclosures used in connection with any occupancy
 3. Fire alarm devices, equipment and systems in connection with any occupancy
 4. Hazardous materials, flammable and combustible liquids
 5. Public school automatic fire detection, alarm, and sprinkler systems
 6. Wildland urban interface fire areas
15. Public libraries constructed and renovated using funds from the California Library Construction and Renovation Bond Act of 1988 and regulated by the State Librarian. See section 112 for additional scope provisions.
16. Graywater systems regulated by the Department of Water Resources. See section 113 for additional scope provisions.

101.4 Appendices. Provisions contained in the appendices of this code shall not apply unless specifically adopted by a state agency or adopted by a local enforcing agency in compliance with Health and Safety Code Section 18938 (b) for Building Standards Law, Health and Safety Code Section 17950 for State Housing Law and Health and Safety Code Section 13869.7 for Fire Protection Districts. See section 101.8 of this code.

101.5 Referenced Codes. The codes, standards and publications adopted and set forth in this code, including other codes, standards and publications referred to therein are, by title and date of publication, hereby adopted as standard reference documents of this code. When this code does not specifically cover any subject related to building design and construction, recognized architectural or engineering practices shall be employed. The National Fire Codes and the Fire Protection Handbook of the National Fire Prevention Association are permitted to be used as authoritative guides in determining recognized fire-prevention engineering practices.

101.6 (Relocated from 2001 CBC 101.8) **Non-Building Standards, Orders and Regulations.** Requirements contained in

the Uniform Plumbing Code, or in any other referenced standard, code or document, which are not building standards as defined in section 18909, Health and Safety Code, shall not be construed as part of the provisions of this code. For non-building standards, orders, and regulations, see other titles of the California Code of Regulations.

101.7 Order of Precedence and Use.

101.7.1 Differences. In the event of any differences between these building standards and the standard reference documents, the text of these building standards shall govern.

101.7.2 Specific provision. Where a specific provision varies from a general provision, the specific provisions shall apply.

101.7.3 Conflicts. When the requirements of this code conflict with the requirements of any other part of the California Building Standards Code, Title 24, the most restrictive requirement shall prevail.

101.8 City, County, or City and County Amendments, Additions or Deletions.

The provisions of this code do not limit the authority of city, county, or city and county governments to establish more restrictive and reasonably necessary differences to the provisions contained in this code pursuant to complying with section 101.8.1. The effective date of amendments, additions, or deletions to this code of cities, counties, or city and counties filed pursuant to section 101.8.1 shall be the date filed. However, in no case shall the amendments, additions or deletions to this code be effective any sooner than the effective date of this code.

101.8.1 Findings and Filings.

1. The city, county, or city and county shall make express findings for each amendment, addition or deletion based upon climatic, topographical, or geological conditions.

Exception: Hazardous building ordinances and programs mitigating unreinforced masonry buildings.

2. The city, county, or city and county shall file the amendments, additions, or deletions expressly marked and identified as to the applicable findings. Cities, counties, cities and counties, and fire departments shall file the amendments, additions or deletions, and the findings with the California Building Standards Commission at 2525 Natomas Park Drive, Suite 130, Sacramento, CA 95833.
3. Findings prepared by fire protection districts shall be ratified by the local city, county, or city and county and filed with the California Department of Housing and Community Development at 1800 3rd Street, Room 260, Sacramento, CA 95814.

101.9 Effective Date of this Code. Only those standards approved by the California Building Standards Commission that are effective at the time an application for building permit is submitted shall apply to the plans and specifications for, and to the construction performed under, that permit. For the effective dates of the provisions contained in this code, see the History Note page of this code.

101.10 Availability of Codes. At least one entire copy each of Titles 8, 19, 20, 24, and 25 with all revisions shall be maintained in the office of the building official responsible for the administration and enforcement of this code. See Health and Safety Code section 18942 (d) (1) & (2).

101.11 Format. This part fundamentally adopts the Uniform Plumbing Code by reference on a chapter-by-chapter basis. Such adoption is reflected in the Matrix adoption table of each chapter of this part. When the Matrix adoption tables make no reference to a specific chapter of the Uniform Plumbing Code, such chapter of the Uniform Plumbing Code is not adopted as a portion of this code.

101.12 Validity. If any chapter section, subsection, sentence, clause or phrase of this code is for any reason held to be unconstitutional, contrary to statute, exceeding the authority of the state as stipulated by statutes, or otherwise inoperative, such decision shall not affect the validity of the remaining portion of this code.

SECTION 102 BUILDING STANDARDS COMMISSION

102.1 (Relocated from 2001 CBC 101.17.3) Specific scope of application of the agency responsible for enforcement, the enforcement agency, and the specific authority to adopt and enforce such provisions of this code, unless otherwise stated.

1. State Buildings for all occupancies.

Application – State buildings (all occupancies), including buildings constructed by the Trustees of the California State University and the Regents of the University of California where no state agency has the authority to adopt building standards applicable to such buildings.

Enforcing Agency – State or local agency specified by the applicable provisions of law.

Authority Cited – Health and Safety Code section 18934.5.

Reference – Health and Safety Code, Division 13, Part 2.5, commencing with section 18901.

2. University of California, California State Universities, and California Community Colleges.

Application – Standards for lighting for parking lots and primary campus walkways at the University of California, California State Universities, and California Community Colleges.

Enforcing Agency – State or local agency specified by the applicable provisions of law.

Authority Cited – Government Code section 14617.

Reference – Government Code section 14617.

3. Existing State-Owned Buildings, including those owned by the University of California and by the California State University–

Building seismic retrofit standards including abating falling hazards of structural and nonstructural components and strengthening of building structures. See also Division of the State Architect.

Enforcing Agency – State or local agency specified by the applicable provisions of law.

Authority Cited – Government Code section 16600

Reference – Government Code sections 16600 through 16604

4. Unreinforced Masonry Bearing Wall Buildings.

Application – Minimum seismic strengthening standards for buildings specified in Appendix Chapter 1 of the California Code for Building Conservation, except for buildings subject to building standards adopted pursuant to Part 1.5 (commencing with Section 17910)

Enforcing Agency – State or local agency specified by the applicable provisions of law.

Authority Cited – Health and Safety Code section 18934.6

Reference – Health and Safety Code sections 18901 through 18949

Notation

Authority: Health and Safety Code §18934.5

References: Health and Safety Code §18934.5

**CHAPTER 2 DEFINITIONS
CHAPTER 3 GENERAL REGULATIONS
MATRIX ADOPTION TABLE**

Adopting Agency	BSC	REMARKS
Repeal 2000 UPC and Adopt 2006 UPC Chapters 2 and 3 without amendments	X	
Repeal 2000 UPC and Adopt Entire 2006 UPC Chapter 2 and 3 as amended (amended articles listed below)		
Repeal 2000 UPC and Adopt Only those articles of the 2006 UPC which are listed below and/or Adopt Only those California promulgated sections listed below		

Authority: Health & Safety Code Sections 18928 and 18934.5

Reference(s): Health & Safety Code Sections 18928, 18928.1 and 18934.5

**CHAPTER 4
PLUMBING FIXTURES AND FIXTURE FITTINGS
MATRIX ADOPTION TABLE**

Adopting Agency	BSC	REMARKS
Repeal entire 2000 UPC Chapter 4 and Adopt entire 2006 UPC Chapter without amendments		
Repeal entire 2000 UPC Chapter 4 and Adopt Entire 2006 UPC Chapter 4 as amended (amended sections listed below)	X	
Adopt Only those sections of the 2006 UPC which are listed below and/or Adopt Only those California promulgated sections ^{1, 2, 3} listed below		
Table 4-1	X	Add a new footnote number 19, to the notes for the table
Table 4-2 CA	X	Existing amendment carried forward
Table 4-3 CA	X	Existing amendment carried forward
Table 4-4 CA	X	Existing amendment carried forward

AMENDMENTS:

**TABLE 4-1
Minimum Plumbing Facilities¹**

Each building shall be provided with sanitary facilities, including provisions for the physically handicapped as prescribed by the Department Having Jurisdiction¹⁹. For requirements for the handicapped, ICC/ANSI A117.1, Accessible and Usable Buildings and Facilities, may persons with disabilities, Chapter 11A or 11B of the California Building Code, shall be used.

... [Table 4-1 not shown for clarity. Footnotes follow.]

¹ The figures shown are based upon one (1) fixture being the minimum required for the number of persons indicated or any fraction thereof.

...

¹⁸ A drinking fountain shall not be required in occupancies of 30 or less. When a drinking fountain is not required, then footnotes 3, 12, and 13 are not applicable.

¹⁹ **[BSC]** In accordance with Sections 108.7 and 301.2, the Authority Having Jurisdiction may approve alternative designs when determining the minimum number of plumbing fixtures.

Notation

Authority: Health & Safety Code Section 18934.5

Reference(s): Health & Safety Code Sections 18928, 18928.1 and 18934.5

**CHAPTER 5
WATER HEATERS
MATRIX ADOPTION TABLE**

Adopting Agency	BSC	REMARKS
Repeal entire 2000 UPC Chapter 5 and Adopt entire 2006 UPC Chapter without amendments	X	
Repeal entire 2000 UPC Chapter 5 and Adopt Entire 2006 UPC Chapter as amended (amended sections listed below)		
Adopt Only those sections of the 2006 UPC which are listed below and/or Adopt Only those California promulgated sections listed below		

Notation

Authority: Health & Safety Code Section 18934.5

Reference(s): Health & Safety Code Sections 18928, 18928.1 and 18934.5

**CHAPTER 6
WATER SUPPLY AND DISTRIBUTION
MATRIX ADOPTION TABLE**

Adopting Agency	BSC	COMMENTS
Repeal entire 2000 UPC Chapter 6 and Adopt entire 2006 UPC Chapter without amendments		
Repeal entire 2000 UPC Chapter 6 and Adopt Entire 2006 UPC Chapter as amended (amended sections listed below)	X	
Adopt Only those sections of the 2006 UPC which are listed below and/or Adopt Only those California promulgated sections listed below		
604.1, Exception 2 CPC	X	Repeal Exception 2 to §604.1
604.11 UPC	X	
604.11.1 UPC	X	
604.11.2 UPC	X	

AMENDMENTS:

604.1

~~Exception: 2. [For BSC]~~

~~Use of PEX piping is not adopted for applications under the authority of the Building Standards Commission.~~

604.11 PEX. [Not Adopted by BSC] Cross-linked polyethylene (PEX) tubing shall be marked with the appropriate standard designation(s) listed in Table 14-1 for which the tubing has been listed or approved. PEX tubing shall be installed in compliance with the provisions of this section.

604.11.1 PEX Fittings. [Not Adopted by BSC] Metal insert fittings, metal compression fittings, and cold expansion fittings used with PEX tubing shall be manufactured to and marked in accordance with the standards for the fittings in Table 14-1.

604.11.2 Water Heater Connections. [Not Adopted by BSC] PEX tubing shall not be installed within the first eighteen (18) inches (457mm) of piping connected to a water heater.

Notation

Authority: Health & Safety Code Section 18934.5

Reference(s): Health & Safety Code Sections 18928, 18928.1 and 18934.5

**CHAPTERS 7 THROUGH 15
MATRIX ADOPTION TABLE**

Adopting Agency	BSC	COMMENTS
Repeal entire 2000 UPC and Adopt Chapters 7 through 15 of the 2006 UPC without amendments	X	
Repeal entire 2000 UPC Chapter 7 and Adopt Entire 2006 UPC Chapter as amended (amended sections listed below)		
Adopt Only those sections of the 2006 UPC which are listed below and/or Adopt Only those California promulgated sections listed below		

Notation

Authority: Health & Safety Code Section 18934.5

Reference(s): Health & Safety Code Sections 18928, 18928.1 and 18934.5

**CHAPTER 16
GRAYWATER SYSTEMS**

Chapter 16 is not adopted by CBSC.

Notation

Authority: Health & Safety Code Section 18934.5

Reference(s): Health & Safety Code Sections 18928, 18928.1 and 18934.5

**APPENDICES A, B, D, and K
MATRIX ADOPTION TABLE**

Adopting Agency	BSC	REMARKS
Repeal 2000 UPC and Adopt 2006 UPC Appendices A, B, D, and K without amendments	X	
Repeal 2000 UPC and Adopt Entire 2006 UPC Appendices A, B, D and K as amended (amended articles listed below)		
Repeal 2000 UPC and Adopt Only those sections of the 2006 UPC which are listed below and/or Adopt Only those California promulgated sections listed below		

Authority: Health & Safety Code Sections 18928 and 18934.5

Reference(s): Health & Safety Code Sections 18928, 18928.1 and 18934.5